



City of Port St. Lucie Building Department
 121 SW Port St. Lucie Blvd
 Port St. Lucie, FL 34984
 772-871-5132 • Web Site: <http://www.cityofpsl.com>
 To Schedule Inspections <http://pandapublicweb.cityofpsl.com>

**Secondary Water Barrier
 Inspection Affidavit**

Secondary Water Barrier Inspection Affidavit

PERMIT # _____ CONFIRMATION # _____

I, _____, Licensed as a(n): Structural Engineer Architect
(print name and check license type)

License # _____, did personally inspect the **Secondary Water Barrier** work on _____ of property
(date)
 located at _____, Port St. Lucie, FL
(Job Site Address)

All re-roofs regardless of value shall comply with the following:

- *Re-nailing:* All sheathing and decking shall be re-nailed per section 201.1 of the *Hurricane Mitigation Retrofit Manual* and a secondary water barrier installed.
- *Existing fasteners* that are 8d clipped head, round head or ring shank and spaced 6 in. or less o.c. may be counted. Additional fasteners shall be 8d rink shank nails with round heads spaced at 6 in. o.c. along framing.

Indicate below which method is to be used to satisfy the scondary water barrier requirements. Call out approved product on Product Approval Checklist.

All Joints in roof sheathing shall be covered with a minimum of 4 in. wide strip of self-adhering polymer modified bitumen tape. Wood deck and self-adhering tape shall then be covered by one layer of approved underlayment.

Entire roof deck shall be covered with an approved self-adhering polymer modified bitumen cap sheet. No additional underlayment is required.

The entire roof deck shall be covered with an approved asphalt impregnated 30# felt underlayment installed with nails and tin-tabs as required for the HVHZ. (No additional underlayment shall be required over the top of this sheet.)

Outside of the HVHZ, an underlayment complying with section 1507.2.3 of the Florida Building Code, building fastened as described below or a layer of asphalt impregnated approved #30 felt shall be installed. The flet is to be fastened with 1" round plastic cap or metal cap nails, attached to a nailable deck in a grid pattern of 12 inches (305 mm) staggered between the overlaps, with 6-inch (152 mm) spacing at the overlaps. For slopes of 2:12 to 4:12 an additioanl layer of felt shall be installed in a single-fashion and lapped 19" and fastened as described above. (No additionl underlayment shall be required over the top of this sheet.)

Exception: An approved 30# underlayment installed per HVHZ using nails and tin-tabs and covered with an approved self-adhering polymer modified bitumen cap sheet or an approved cap sheet hot-mopped shall be deemed to meet the requirements for secondary water barrier.

Based upon this examination, I have determind that the installation was done according to the Hurricane Mitigation Retrofit Manual (based on F.S. 553.844)

 Signature

 Seal and Date

 Print Name